

Abstract of the Disclosure

A dual shutter fiber optic assembly terminating multiple optical fibers at a connection point, comprising a fiber optic connector and a receptacle with a shutter situated on each side of the termination, is described. The shutters are operatively connected to the receptacle and connector, so as to move between a first and second position. In the first position, when the connector and receptacle are not joined, the shutters cover a connection aperture on both the connector and the receptacle, respectively. When the connector is joined with the receptacle, the shutters move into the second position, thereby uncovering the connection apertures. Additionally, the receptacle may include a spring-loaded Micro-switch actuated by inserting or withdrawing the connector from the receptacle. The Micro-switch is operatively connected to a power source for the light emitting device terminated by the receptacle.